

Smart System Drive-in

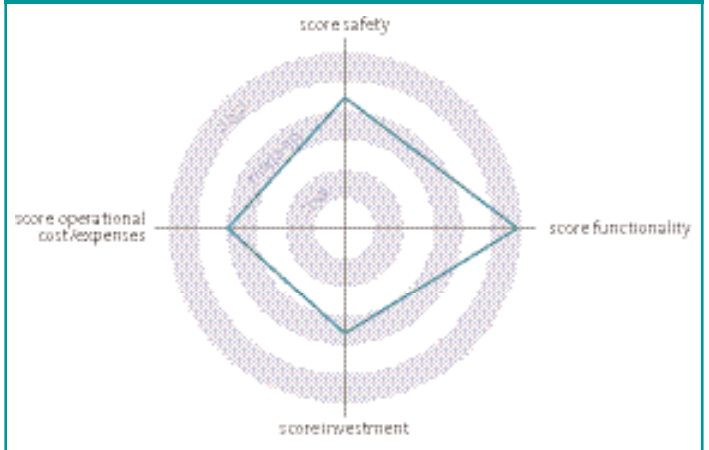
Professional all-rounder with extra height

FUME CUPBOARDS



The Smart System Drive-in provides easy, threshold-free access. It offers ample room for tall test arrangements and allows tests to enter on a mobile platform. The front part is sectioned off with an easy-to-remove panel. Unlike other drive-in fume cupboards, the S+B is fitted with a fascia housing all the necessary fixtures and electrics without the need for a separate operating panel.

PERFORMANCE FIGURES IN FOUR DIMENSIONS



Smart System Drive-in (1200/1500/1800)

TECHNICAL SPECIFICATIONS	
carcass	hard plastic faced multiplex
side and ceiling panels	6 mm white solid core panels
tilted airflow baffles	6 mm toughened glass
vertical sliding doors	6 mm toughened glass, safety latch
fittings	Broen
electrical	Berker Mobil R-IP 44 in black
lighting	TLD 500 lux
option I	safety signal electronic airflow monitor
option II	infill panel through ceiling

DIMENSIONS (MM)		DRIVE-IN 1200	DRIVE-IN 1500	DRIVE-IN 1800
inside	wide	1200	1500	1800
inside till 934	wide	948	1248	1548
outside above 934	wide	1166	1466	1766
outside	deep	780	780	780
inside	deep	610	610	610
outside	high	2590	2590	2590
inside	high	2480	2480	2480
maximum usable internal space	high	2480	2480	2480
maximum front opening	high	1660	1660	1660

AIRFLOW ANALYSIS			
Smart System Drive-in (standard)	Q ₁ extraction volume V=0.3 m/s (normal operating setting 475 mm)	Q ₁ pressure differential	duct outlet size
	m ³ /h	Pa	mm
1200	870	40	250
1500	1120	65	250
1800	1380	40	315

CERTIFICATION

The Smart System Drive-in complies with the UK safety standards for air cabinets and is tested and certified according to the British BS 7258 part 1 and 4, the German DIN 12924 part 1, the European prEN 14175 part 3.

VERSIONS

• MET BYPASS

The bypass, placed on the underside of the fume cupboard, regulates the flow of air at the window opening. This results in constant airflow, at the ideal level, at all window settings.

• CLOSED FRONT

With no bypass, this fume cupboard is suitable for variable airflow. The extraction volume is regulated along with the window setting. When performing a long-term test, it is possible to work with low extraction. This version prevents fumes escaping from the top of the cupboard when a test creates strong thermal lift through the use of burners or a hotplate.

• SLIDING WINDOWS

The partitioned sliding windows provide excellent access. The maximum opening is 924 mm wide and 475 mm high. The minimum work opening is 50 mm. Horizontal sliding windows provide access to the fume cupboard without creating a large opening. The maximum window opening is restricted by a safety latch which does not interfere with the working of the cupboard.

For more information visit www.splusb.co.uk.